

EIGHTY-FIFTH ANNUAL

COMMENCEMENT

OF THE

UNIVERSITY OF MICHIGAN

MONDAY, JUNE SEVENTEENTH
NINETEEN HUNDRED TWENTY-NINE



ORDER OF EXERCISES

AND

NAMES OF CANDIDATES FOR DEGREES

THE YELLOW AND BLUE



Sing to the colors that float in the light;
Hurrah for the Yellow and Blue!
Yellow the stars as they ride thro' the night,
 And reel in a rollicking crew;
Yellow the fields where ripens the grain,
And yellow the moon on the harvest wain; Hail!
Hail to the colors that float in the light;
 Hurrah for the Yellow and Blue!

Blue are the billows that bow to the sun
When yellow robed morning is due;
Blue are the curtains that ev'ning has spun,
 The slumbers of Phœbus to woo;
Blue are the blossoms to memory dear,
And blue is the sapphire and gleams like a tear; Hail!
Hail to the ribbons that nature has spun;
 Hurrah for the Yellow and Blue!

Here's to the college whose colors we wear,
Here's to the hearts that are true!
Here's to the maid of the golden hair,
 And eyes that are brimming with blue!
Garlands of bluebells and maize intertwine;
And hearts that are true and voices combine; Hail!
Hail to the college whose colors we wear;
 Hurrah for the Yellow and Blue!

ORDER OF EXERCISES



PROCESSIONAL MARCH

INVOCATION

THE REVEREND
ALLISON RAY HEAPS, B.A.

THE COMMENCEMENT ADDRESS

ROBERT ANDREWS MILLIKAN, PH.D., SC.D., LL.D.
DIRECTOR OF THE NORMAN BRIDGE LABORATORY OF PHYSICS,
CALIFORNIA INSTITUTE OF TECHNOLOGY

THE CONFERRING OF DEGREES IN COURSE AND OF HONORARY DEGREES

THE YELLOW AND BLUE - - - - - *Gayley*

BENEDICTION

THE AUDIENCE WILL PLEASE REMAIN
STANDING, AFTER THE BENEDIC-
TION, UNTIL THE BUGLERS
HAVE SOUNDED "TAPS",
FOLLOWED BY THE
"REVEILLE."

ORDER OF PRESENTATION OF CANDIDATES FOR DEGREES



The candidates for degrees in course will be presented in the following order, and on behalf of the Faculties named, by these individuals:

JOHN ROBERT EFFINGER, Ph.D., LL.D., Dean of the College of Literature, Science, and the Arts.

JAMES BARTLETT EDMONDSON, Ph.D., Dean of the School of Education.

HERBERT CHARLES SADLER, D.Sc., LL.D., Dean of the Colleges of Engineering and Architecture.

HUGH CABOT, A.B., M.D., LL.D., Dean of the Medical School.

HENRY MOORE BATES, Ph.B., LL.B., LL.D., Dean of the Law School.

EDWARD HENRY KRAUS, Ph.D., Sc.D., Dean of the College of Pharmacy.

MARCUS LLEWELLYN WARD, D.D.Sc., Dean of the School of Dentistry.

CLARE ELMER GRIFFIN, Ph.D., Dean of the School of Business Administration.

SAMUEL TRASK DANA, A.B., M.F., Sc.D., Dean of the School of Forestry and Conservation.

G. CARL HUBER, M.D., Dean of the Graduate School.

The recipients of honorary degrees will be presented by

JOHN GARRETT WINTER, Ph.D., Professor of the Latin Languages and Literature.



The following notations are used in connection with the names of graduates:

* Graduated with distinction.

** Graduated with high distinction.

† Honors in English.

§ Graduates of the Reserve Officers Training Corps course who have qualified for commissions as Second Lieutenants, Officers Reserve Corps, United States Army.

CANDIDATES FOR DEGREES

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

BACHELOR OF SCIENCE (*in Medicine*)

Marvin Sidney Averbook	*Dan Morris Gordon	**William Anthony Sodeman
*Henry Ferdinand Balconi	*Louis Harley	Albert Ross Zoss
**Robert Chadwick Conybeare	Lewis Herling Jones	8

BACHELOR OF SCIENCE (*in Chemistry*)

Lillian Ida Butler	Willis Haskell Jennens	**Samuel Gottlieb Trepp
Leonard Arnold Delp	Richard Randall Kinney	Pierre Robert Welch
Edward Carl Denice	**John George Teichman	8

BACHELOR OF SCIENCE

**Ruth Eva Berner	Stanley Mark Lynk	Melvin Oliver Robinson
James Oliver Brown	Maurice Putnam McKay	Howard Clinton Rufus
Stuart Evans Chipman	Vera Maud Moore	Jerry Shaw
Harry Willard Faust	Sarah Ravwitch	Christine Annie Steen
Wilton George Huebler	**Calvin Harold Riggs	**William Campbell Steere
*Edward Croft Johnson		16

BACHELOR OF ARTS (*in Library Science*)

*Elizabeth Julia Amerine	**Agnes Marie Herwig	Ellenor Bagley Putnam
**Helen Anderson	Helen Dorothea Hintz	Mary Eloise Rue
Margaret Finlay Barr	Louise Marion Hulin, B.S., <i>Allegheny College</i>	Virginia Kessell Schuberth
Marion Winifred Bauschard, A.B.	Arlie Katherine Jenkins	Eleanor Bedford Short
*Frances Cecelia Beach	Winifred Adams Johnson, A.B., <i>Oberlin College</i>	Josephine Alice Smith
Margaret Dow Brown	Isabelle Gertrude Kananen	Maxine Ellen Sprague, A.B., <i>Ohio Northern University</i>
Annette Elizabeth Burns, Ph.B., <i>University of Vermont</i>	Lois Laura LeBaron	Jean Olive Stewart
Dorothy Julia Carter	Katherine Doane Lewis	Dorothy Charlotte Sullivan
Juanita A. Coe	Marjorie Cleveland Lewis	Gertrude Hester Thompson, A.B., <i>University of British Columbia</i>
Winnifred Merriam Cobleigh	Letitia Helen McQuillan, A.B., <i>University of Wisconsin</i>	Helen Marlene Tompkins
Curry, A.B., <i>University of Nebraska</i>	Ruth Jean Martin, A.B., <i>Oakland City College</i>	Helen Wilson Waldvogel, A.B., <i>University of Wisconsin</i>
Marjorie Adams Dalton	*Bernadine N. Mathewson	Virginia Lee Wallace
Katharine Eurette Field	Helen Holland Melchers	Anne Marie Weidmann
**Ruth Maier Fine	Mary Elizabeth Mixer, A.B., <i>Michigan State College</i>	Mae Eloise Westveer
Jeanne Merriman Goddard	Willie Tabb Moore, A.B., <i>Judson College</i>	Evangeline Pollard Williams, Ph.B., <i>University of Chicago</i>
Bess Beulah Gressman, A.B., <i>Albion College</i>	Harriett Paden Orr	Clyde Emerette Wilson, A.B., <i>Cornell College</i>
Alice Virginia Hagelshaw	Lucille Matilda Prange	**Charlotte Frances Yates
**Jean Harriet Hathaway		52
Mildred Eloise Herrick, A.B., <i>Michigan State Teachers College</i>		

BACHELOR OF ARTS

Dorothy Lyon Ackerman	Durwin David Algyer	Philip Ray Appel
Evelyn Louise Adams	Robert Mitchell Allen	Arnold Alexander Appleford
Ronald Vincent Adams	Ruth Carleton Allen	**Margaret Caroline Arthur
George Billow Ahn, Jr.	Jarl Andeer	Frederick McKinley Asbeck
Sherwood Ake	Harold U. Andreae	Lucy Elizabeth Austin
John Richard Aiden	Mark Seely Andrews, Jr.	Ann Geraldine Babcock

Clifford Gilbert Babcock
 Marvin Augustus Bacon
 Melvin Horace Baer
 Katharine Earle Baillie
 William Harold Bainter
 Charles Ernest Baker
 Clarke Wing Baldwin
 Harriett Elizabeth Bannasch
 George Herbert Barker
 Elizabeth Jane Barnes
 Margaret Lamont Barrus
 Horace James Barton
 Nathan Hyman Basson
 Robert Thomas Beall
 Margaret Beck
 Clarence Leonard Becker
 Nellie Cecile Becker
 Irving C. Beckman
 Palmer Levin Beebe
 Edward John Bellaire
 Velma Benedict
 Chester Clarke Bennett
 Sidney Stephen Berkowitz
 Albert Willard Bernstein
 Maynard Earl Beukema
 Annabelle Alice Beuzenburg
 Helen Miriam Bialosky
 Katherine Louise Bird
 Rebecca M. Black
 John Wheeler Blackburn
 Reuel Isaac Blake
 Brian Warden Blakely
 Raymond Bliss
 Alex Aloysius Bochnowski
 Marshall Haines Boden
 Elizabeth Mae Bogrette
 Charles Lybrand Bonifield
 Jean Louise Bonisteel
 *Alice Irene Bourquin
 **Jessie Ione Borquin
 Benjamin Robbin Boutell
 Alexander McKnight Bracken
 Frank John Brading
 *Leona Marie Brandt
 Herbert Joseph Brean
 Richard Stouffer Brecheisen
 **Charles David Breitel
 Mary Traver Brennan
 *Marian Olga Broehm
 Madge Anna Brook
 Arthur Edward Brown
 *Helen Maveety Brown
 **Virginia Mary Brown
 Sylvia Hope Brueck
 Maurice Hamilton Brush
 Robert Moir Buck
 Marion Leila Burgess
 Mary Allison Burns
 Helen Elizabeth Burrell
 Edward Tirrell Burroughs
 Audrey Inez Burrows
 **Bettina Adeline Bush
 Lester Peter Bushnell
 Janet Threadgould Calvert
 Charles Archibald Campbell
 Jean Campbell
 Robert Lee Campbell
 Harvey Richard Carl
 Glen Albin Carlson
 Marjorie MacHatton Carr

Benjamin Carson
 Clare Franklin Carter
 Muriel Irene Casey
 *Albert Ely Champney
 Carol Viette Chandler
 Frank Longfellow Chandler
 George Randolph Cheadle
 Joseph Bockall Cherry
 Theron Dyer Childs, Jr.
 Paul John Chittenden
 Jessie Elizabeth Church
 Anna Jane Churchman
 **Inez Margaret Clark
 Dorothy Minerva Clayman
 Bertram Roswell Coen
 *Juliette Cohen
 Martin Julius Cohn
 **Julia Ellen Cole
 Walter Paul Colwell
 Fern Elizabeth Conrad
 Leo John Conway
 Irene Blanche Cook
 Glenn Kiederle Copeland
 Eleanor Ruth Coryell
 Beatrice Patricia Cowan
 Margaret Louise Cramton
 Frederic Oliver Crandall
 Charles Lyman Crane
 Philip Magan Crane
 Wilma Crawford
 Harlan Page Cristy
 Barbara Rutherford Crowell
 Jean Leone Currie
 Ellwood LaVerne Cushing
 Burdette Custer
 Charles Conant Daker
 Jesse Ernest Dalley
 Milton Davidson
 Francis Gordon Davis, Jr.
 Catherine Cecelia Dawson
 Helen Catharine DeBevoise
 Charles Clemens Dechant
 Darrell Dean Decker
 Thomas Alva DeGrace
 **Lucille Blome Deinzer
 Russell Nelson DeJong
 Earl W. De La Vergne
 Melvin Robert Deo
 **Marshall William Deutsch
 Ernest Wayne Dewey
 Pauline Diehl
 Henry Simon Dinkelspiel
 Mary Cannon Dively
 Arthur Otto Doherr
 Kathleen Patricia Donovan
 Helen Edith Doyle
 **Milton Jay Drake
 Mary Catherine Draper
 Edward Dubpernell
 **Richard Munger Eddy
 *Grace Spanner Edelman
 Robert Milton Edelman
 Percy John Edmison
 Albin Eskel Elander
 Mildred Avis Ellison
 **William Marshall Emery
 **Iris Norton Eppens
 Grace Belle Erwin
 Dorothy Elizabeth Evans
 Hilda Mary Evans

Hubert LeRoy Fairchild
 Carl Ullrich Fauster
 Goldye Feerer
 Melvin George Fiegel
 Ralph Lamont Field
 Charles Sumner Finch, Jr.
 **Robert Edmund Finch
 Irene Mary Finnegan
 Annette Fisher
 Evelyn Fisher
 Marion Elizabeth Fisher
 Robert James Fitch
 Dorothy Emma Fitzpatrick
 Thomas Joseph Flannery
 Donald Blanchard Fleming
 Clarence Earl Flora
 Isabel Josephine Foley
 Donald Charles Folger
 Alice Elizabeth Ford
 **Winnifred Stebbins Ford
 Alfred Lee Foster
 Gertrude May Fox
 Sara Leslie France
 Helen Gardner Francis
 Mildred Othelia Frandsen
 Paul Franseth
 James Frederick Fraunfelter
 Ernest John Freese
 Elizabeth Isadore Friday
 Isabel Blondene Friday
 Stanley Irwin Friedman
 **Irma Margaret Friedrich
 **John Bronson Friend
 Joyce Martin Frissel
 **Max Fruhauf, Jr.
 Douglas James Fuller
 Marian Ellicott Fullmer
 **Eleanor Anna Gaiser
 John Morgan Gamble
 **†Margaret Mary Gentz
 *†Robert Joseph Gessner
 Dan Joseph Gilhula
 *Gerd Aage Gillhoff
 Francis Joseph Gimski
 Virginia Morley Glaize
 William Thomas Gleeson
 *Hymen Maxwell Golden
 *Bernard Goldman
 *George Goldstein
 Hinde Esther Goldstein
 Irving Goldstein
 *Marion Elizabeth Goodale
 **Russell Clayton Goodrich
 Ralph Gore
 James Frances Green
 Wilma Estella Green
 Harry Greenbaum
 Carmen Sarah Greenberg
 Frances Elizabeth Gregory
 Evans Kinne Griffing
 Melba Balmat Grimes
 Ellen Alice Grinnell
 Elaine Eloise Gruber
 George Thomas Gundry
 **Jean Cherney Gurkin
 Helen McMillan Gustine
 Harold Harris Hager
 Constance Alberta Hahn
 Don Emerson Hall
 Harold James Hand

Beulah Evelyn Hankinson
 Frances Marion Harland
 Frederick Miller Harlow
 Gerald James Harrington
 Mark Henry Harrington
 Amy Josephine Harrison
 Helen Hazel Hartman
 Helen Margaret Hartwell
 Marie Dorothy Hartwig
 Mary Julia Haskins
 Cynthia Clock Hawkins
 Evelin May Hawley
 Jacqueline Heck
 John Thaddeus Hecker
 John Peters Hedrick
 Carl Luther Heller
 Harold Helper
 Elizabeth Jean Hennes
 Allison Beam Hetley
 Esther May Hinkelman
 Franz Andrus Hirt
 Lewis Robert Hitzig
 Robert John Hochland
 William Lester Hockstad
 Agnes Crooks Hoffman
 **Isaac Hoffman
 *Ralph Lockwood Hoffman
 Paul Fred Hoffmeyer
 Dorothy Marie Holbrook
 Charles Fluhrer Holden
 Margaret Holman
 Florence Adelaide Holmes
 Florice Johnson Holmes
 Frank Paul Holmes
 Joseph Herbert Holpuch
 Gertrude Eleanor Holton
 David Lincoln Holzman
 Edwina Honn
 James Stewart Hooker
 Eleanor Cecile Horsey
 Miriam Lavina Horton
 Frederick Raymond Howe
 Lucille Elizabeth Howe
 Ruth Bunker Howlett
 Raja Faris Howrani
 Isabel Hubbard
 Eugene Snow Huff
 Edward Litton Hulse
 Harold Husband
 Robert John Hutton
 Ruth Elizabeth Hyde
 Morton Brachman Icove
 Mary Elizabeth Inks
 John Livingstone Irving
 Daryl Walton Irwin
 *Eleanor Louise Jackson
 **Howard Colman Jackson
 Marvin James Jacobs
 Samuel Lewis Jacobson
 Harold August Jaehn
 Selma Marie Janson
 Mary Margery Johns
 Ardath Leone Johnson
 Stanley Johnson
 Helen Van Ness Jones
 Jack Abbott Jones
 Robert Oliver Jones
 **Laura Alice Joslyn
 Paul Henry Junge
 Henry Eugene Walbridge Jury

Francis Wayne Kamman
 Paul Harrison Karr
 Eva Mae Katz
 Harry Katz
 Lynden June Kaufmann
 Ralph Bennett Kearns
 Dwight Foltz Keller
 Carolyn Elizabeth Kelly
 Easton Trowbridge Kelsey
 George Clinton Kempton
 Milton Guenther Kendrick
 Gordon Andrew Kennedy
 Howard Keller Kenyon
 Samuel Tofeak Kerbawy
 Marion Edith Kerr
 Wilford Herman Ketz
 Marion Edwinna Keyser
 George Wilson Killey
 Virginia Morrison Kimball
 **†Sophie Blanche Kimels
 George Russell King
 Dorothy Pearl Kirby
 W. Winston Kirkpatrick
 Ruth Kitchel
 *Ethel Mae Klanderman
 Arnold Wilfred Knepley
 Arthur Jackson Knisely
 Sarah Lowe Knox
 Edmund Akiba Koblenz
 **Revella Rhene Kopstein
 Louis Joseph Kovacicek
 George Henry Kranenberg, Jr.
 **Albert Elliot Kripke
 Norman Kuijala
 Anna Rosenberg Kulkarni
 Saul S. Kupper
 Richard Carlyle Kurvink
 Dorace Elizabeth LaCore
 Constance Louise Lake
 Robert Whipple Lamoree
 James Jeremiah Lane
 Joseph Marcus Lapin
 Margaret Wilhelmina Large
 Berle Everett Larned
 Kelly Stambert Lashley
 Edwin David Lasker
 Ruth Margaret Latham
 Frank Damron Lathrop
 Helen Maude Latting
 Edward Falkiner Latulip
 Edith Lucille Laurendine
 Bertha Emily Law
 Esther Dorothy Leach
 Leone Marguerite Lee
 Owen Bemis Leonard
 James Ward Leonhard
 Thelma Leah Levine
 Charles A. Lewis
 Frances Montgomery Lewis
 Nima Marie Neville Lewis
 Selma May Lewis
 William Morgan Lewis, Jr.
 Nina Alberta Ley
 Maurice Lichtenstein
 Robert Clinton Lillie
 **Gertrude Irene Locke
 Charles Hamrick Lockton
 Elizabeth Janet Logie
 *Allen Clement Lomont
 **George Armstrong Longeway

David Samuel Lowe
 John Bennett Lowenstine
 **Edward Francis Lowery
 Hazel Harriet Lowrey
 Arnold Waldemar Lungershausen
 Dorothy Marawee Lyons
 George Hoyt McArthur
 Francis William McCauley
 Charles Alonzo McCloskey
 **Walter Linus McCowan
 Ernest Browning McCoy
 Milton McCreery
 Elizabeth Evelyn McCurdy
 Hayden John Macdonald
 Shirley Elizabeth McDowell
 Henrietta Wortley McGough
 **Elizabeth Angeline McIntosh
 Elsa Laura Mack
 Catherine McKinven
 **Mary Loraine Magaw
 Ruth Ellen Magee
 *John Thomas Mahan
 Lucille Mary Mahr
 Bernadine Helen Malay
 Theodora Walton Maloy
 Dan Manason
 Julian Joseph Mandelstam
 William Laidlaw Maney
 Robert Woolf Manly, Jr.
 Henry Albert Manwaring
 Donald Marcus
 Harold Silverstone Marks
 Marian June Marshall
 Cecil Herbert Martell
 Elise Douglas Mather
 Eugene Curie Mathivet, Jr.
 Dorothy Louise Matthes
 Agnes Victoria Mattson
 *Richard Holman May
 George Mayer
 Thomas Arnold Medsger
 Violet Elizabeth Megaro
 **Charles Mehlman
 Joseph Peter Meigher
 Earl Louis Meixner
 Carlton Henry Menge
 Frances Louise Menges
 *Anne Ada Merliss
 **Natalie Mestechin
 *Helen Arpadine Mihalyi
 Charles Mead Miller
 Dorothy May Miller
 Gwendeline Nevarre Miller
 Hazel Lee Miller
 John Franklin Miller, Jr.
 *Ralph Luria Miller
 Robert Eugene Miller
 Will Elden Minkin
 Paul Erwin Minsel
 Margaret Loise Mirfield
 James Ross Mitchell
 George Francis Montgomery
 Edward Thomas Moore
 Kingsley Gibbs Moore
 Margaret Elizabeth Moore
 Mary Alice Moore
 **Paul Carlton Moore
 Wendell Grant Morgan
 Franklin Benjamin Mortenson
 Luetta Glee Moss

Edna Mower
 Edwin Richard Murbach
 Joseph Paul Murphy
 Louise Oakes Murray
 **Daniel Wilbur Myers
 Reinhardt Nank
 Donald Franklin Nash
 Edward Loud Neal
 Charles William Nechman
 Clinton Alonzo Nelson
 **Doris Martha Nicolai
 William Emmett Nissen
 Carl William Nist
 Dana Miles Norton
 Henry H. Nowicki
 Daniel Patrick O'Brien
 Raymond Leo O'Connell
 Katherine Dorothea Ohming
 Jane Allison Olds
 Albert Olson
 Earl Harvey Osburn
 Isabel Anna Ott
 Anthony Francis Pacella
 **Roger Ambrose Pack
 **†Charles Edward Palmer
 Herbert John Palmer
 Ruth Reed Palmer
 **William Braman Palmer
 Florence Nellie Pangborn
 *Joseph Park
 Betty Vinnedge Parker
 Frederick Rolnold Parker
 Lawson Eugene Parker
 Henry Joseph Partika
 Halina Irene Paryski
 Kenneth Gilbert Patrick
 Walter Henry Paull
 **Orsamus Merrill Pearl
 Winfred Ernest Peck
 Wirt L. Peters
 Joseph William Peterson
 Joseph Nuttman Pettit
 George Edward Phillips
 Gladys Eva Pike
 Ruthmary Pittelco
 Alice Ella Platt
 George Ward Platt
 Julius Pochelon
 James Russell Pollock
 Joseph Alexander Pomeroy
 Ralph Emerson Popp
 Elizabeth Richardson Potter
 George Kennedy Potter
 Russell Allen Pratt
 Mary Elizabeth Ptolemy
 Richard Townsend Purdy
 William Racine Purmort
 Samuel Princeton Quarles, Jr.
 **William Morris Quinn
 Carles Fenton Raber
 Merle Isabelle Raine
 George Le-Baron Randall
 Woodbury Ransom
 David Martin Reed
 Emery Foster Miller Reed
 Eugene Marshall Reed
 James Allen Rees
 *Gordon Chapin Reeves
 *Agnes Hodgson Reigart
 Gerald Norman Rein

Albert Henry Reisig
 George John Renner
 Oscar Frank Renshaw
 Clarence William Reuter
 Philip Earl Rice
 Ruth Dewey Richardson
 Grant Hurlburt Rinehart
 Herbert Spencer Ripley
 Miriam Lucile Risley
 Mary Katherine Ritchie
 Dorothea Frances Ritter
 Alexander Robbins
 Carmen Laura Robbins
 Mary Elizabeth Robbins
 Margauritte Jane Roby
 Louis Brand Rodenberg
 Esther Alice Rodger
 **Theodore Roethke
 William Albert Carl Roethke
 John Marion Girard Rooks
 Thatcher Wales Root, Jr.
 *Edith Matilda Rose
 Virginia Blanche Rosenbaum
 *Harvey William Rosenblum
 Ralph C. Rossman
 Harry Ralph Rowland
 **Alice Josephine Rowley
 Dave Burnard Ruskin
 Eugene Henry Russell
 Harry Robert Russell
 **Margaret Victoria Sabom
 Abraham Mortimer Sachs
 Margaret Jane Sage
 Sarah Eliza Salisbury
 Lincoln Sandelin
 Kenneth Charles Schafer
 Virginia Belle Schaffer
 Alma Ernestine Scheirich
 Anne Margaret Schell
 John Scheller
 John Burton Scheuerman
 Walter Karl Schmidt, Jr.
 Elias Schneider
 Fern Barbara Schott
 Gretchen Schultz
 **Herbert Spencer Schwartz
 Corinne Lehman Schwarz
 Jeannette Katherine Scott
 Murray Armour Scott
 Marion Patricia Searle
 Bernard Francis Segall
 Reuben Segall
 Charles Henry Seilheimer
 William Myron Sempliner
 Philip Lane Severance
 *Vahan Dicran Sewny
 Henry Elliott Shaw
 Joseph Fillmore Shaw
 Catherine Rachel Shearer
 Elouise Kathryn Sheffield
 Bernath Pardee Sherwood, Jr.
 Sidney Milton Shevitz
 **Bernice Lucinda Shook
 Howard Franklin Shout
 Helen Sider
 Ezra Isreal Silver
 Harold Mark Silverman
 Jerome Barnette Silverstone
 Albert Sidney Simon
 Frances Josephine Simons

Louisa Skillen
 *Max Skolnick
 Roger Louis Slater
 Charles Wendell Smith
 Harold Woodard Smith
 Huldah Emeline Smith
 Nelson Jay Smith, Jr.
 Patrick John Smith
 Stewart James Smith
 Anne Elizabeth Smither
 Benjamin Bernus Southworth
 Clifton Marshall Spalding, Jr.
 Virginia Rothwell Spalding
 James Harland Spencer
 James Roberts Spencer
 Charles Phipps Spicer, Jr.
 Chester Beryl Stapleton
 Arthur Avery Starkweather
 **Margaret Dorothy Stearns
 Clarence Christian Stein
 Emory Stein
 Webster Sterling
 Alice Katherine Stevens
 Willard Arthur Stevenson, as of
 the Class of 1917
 *Irvin Francombe Stewart
 **Ezra Clark Stillman
 Herbert Kenneth Stockdale
 *†Sylvia S. Stone
 Louise Robin Stratton
 Johannes Stuart
 Kenneth George Stuart
 Robert George Surridge
 Flora Virginia Sutcliffe
 Loy Milan Sutherland
 Thoma Elizabeth Sutton
 Charles Aaron Swaby
 John Thomas Swanwick, Jr.
 **Esther Tabachnick
 Harvey Hammond Talcott
 John Wesley Tarbill, Jr.
 Harry Embrey Taylor
 Rolland Woodmansee Taylor
 Herbert Harold Tenenbom
 Paul Frederick Ternes
 Stuart Terry
 Thurston Elliot Thieme
 Edith Thomas
 Thomas Thomas
 Mark Hibbard Thompson
 John Levington Thurber
 **Virginia Catherine Tice
 Clare Hayes Timberlake
 John Jacob Timpson
 Olive Eunice Todd
 James Emmet Tomlinson
 **Elaine Hunter Townsend
 Irving J. Tucker
 Alice Elizabeth Twamley
 Henry Vandervoort
 Willard Arnold Van Nest
 *Nataline Vincenti
 *Elizabeth Haun Vivian
 Muriel Bertha Volz
 Edward Herman Wachs
 Raymond John Wachter
 Wynn Francis Wakeman
 Pearl Beatrice Waldman
 Dalton Dreher Walper
 Adaline Virginia Ward

Virginia Brooks Ward
 Fred Spencer Warner
 Robert Fiske Warren
 Forrest Edward Washburn
 Ben Seelig Washer, Jr.
 Florence Esther Watchpocket
 Genevieve A. Watkins
 Mary Elizabeth Watson
 Thomas Young Watson
 Jane Villiers Watt
 John Beverly Watts
 Reuben David Wax
 Mary Leonarda Weadock
 Justin Charles Weaver
 Luceil Matilda Webb
 Karl William Weber
 Richard Stuart Weber
 Ruth Caroline Weber
 Ralph Stevens Weese
 Sara Honey Weiner
 John Frederick Weir

**Benjamin Harris Wells
 William Walter Wenzell, Jr.
 Helen Elizabeth Wescott
 Leslie John Wessinger
 James Dority West
 Wilhelmina Weyhing
 David Williams Wheeler
 Martin Luzerne Wheeler
 *Mary Julian White
 **Douglas Bacon Whiting
 Edwin George Whitney
 Thelma Marie Whittaker
 John Dallas Whittle
 Charles Lewis Whyte
 Marguerite Elizabeth Widman
 Herbert A. Wiggers
 **Glenn Couch Wilber
 **Emily Katharine Wilcox
 Charles Edwin Williams
 Dorothy Hay Williams
 Edwin Caldwell Willis

Frank Graves Willis
 Trophena Jeannette Wills
 Frances Wilson
 *Pauline Holmes Winchell
 Benita Adaline Wing
 **Sherwood Bishop Winslow
 Thomas Charles Winter
 Ardis Penelope Wisner
 Lloyd Stuart Woodburne
 Lois Ermil Woodruff
 Cameron Forrest Woods
 **Winston Robert Wreggit
 Jesse Delbert Wright
 Theodore Carl Wuerfel
 Louis Harry Zacks
 Margaret Elizabeth Zahm
 Eugene Stanley Zemans
 Dorothy Emily Zingg
 Julius Albert Zink
 *Morris Zwerdling

709—793

SCHOOL OF EDUCATION

BACHELOR OF SCIENCE IN EDUCATION

Martin Stiles Baldwin
 Flora May Burghdorf
 Helen Edwina Clark
 Ruth Bee Copus
 Mervin James Henry
 **Miriam Jewell Hosmer
 Raymond Gunnard Johnson
 Velma Elise Johnson

Janet Peirson Jones
 Anna Louise Kinney
 Vida Kennedy McClure
 Shirley May Mansfield
 Raymond George Nebelung
 Harvey Wolven Norris
 Daniel Paul Rose
 Jeannette B. Saurborn

Mary Carolyn Scheer
 Katharine Sheehan
 Dorothy Olivia Soehrens
 William Roy Stephens
 Rose Louise Strasser
 Louis Weintraub
 Eugene Jacob Wulfman
 Anna Caroline Zauer

24

BACHELOR OF ARTS IN EDUCATION

Helen May Adriance
 **Ollie Lucy Backus
 **Marjorie Aleen Barber
 Katherine Charlotte Bay
 Lillian Irene Russell Beach
 Dawn Alice Benschoten
 **Delight Helen Clare Berg
 Lydia E. Best
 Marian Bradley
 Phyllis Broan
 Geraldine Beatrice Budde
 Lila Luayne Budge
 Frances Elizabeth Burwell
 Thelma Cornelia Christensen
 Lillian Florence Cole
 *Estelle Countryman
 Helen Mays Cranford
 Marion Kathryn Crowley
 Genevieve Cunningham
 John Irving DeLong
 Marion Bay Demaree
 **Doris Irene Doolittle
 Anna Lucille Dunlap
 Oriel Marguerite Endelman
 Kathryn Eleanor Everett

Edward John Facklam
 **Helen Ancrum Fagg
 *Julia Eva Ferguson
 Margaret Sarah Ferrand
 Louise Antoinette Ford
 Effie Isabel Foreman
 Lellia Luella Smith France
 Alice S. Fromm
 Harriet Flavia Gagnon
 Edith Mae Garbett
 Hazel Lorene Gardner
 Dorothy Lenora Gates
 **Lorraine Jewel Louise Gay
 Esther Elnor Giesler
 Odeyne Rose Gillett
 Dorothy Beatrice Graham
 Gladys Grams
 **Alpheus Green
 Gertrude Fern Hale
 Harley William Haskins
 *Elsie Bertha Hauschild
 Grace Hawkins
 Florence Lucile Hodgson
 Leona Marguerite Hough
 Velma Mae Howe
 Zonita Stewart Jeffreys

Edna Lorena Johnson
 Lucile Truesdell Johnson
 Mary Eleanore Jones
 **Martha Sofia Kandelin
 *Sarah Sonia Kaplan
 Mary Teresa Kelly
 Shirley Elizabeth King
 Natalie Knapp
 *Collerohe Theodossievna Krass-ovsky
 **Allison Christine Kunkel
 Harold Dale Lantz
 Elvina M. Lefevre
 Grace Adriana Leusenkamp
 Marjorie Isabelle Lewis
 Helen Irene Lightfoot
 Florence Aldine Linsley
 *Letha Pearl Lobb
 Helen Marie McComb
 James McDowell
 **Bernice Marie McHale
 Lyda Elizabeth McHenry
 Aida Vere McKee
 Marguerite Mary Louise Maurice
 Marjorie Ellen Melendy
 Esther Louise Middlewood

Bernice Albertine Miller
 Anna Louise Monroe
 Martha Jane Moon
 Mary A. Morrison
 Dorothy Henrietta Nagel
 Florence Elaine Neyer
 Grace Margaret Oestrike
 **Beatrice Pauline Palmer
 Michael Paris
 Marian Alice Paterson
 Charles Howard Peake
 Vincent Leroy Peterson
 Ruth Victoria Phillips
 Prudence Josephine Pitcher
 Margaret Postmus

Marion Jane Powers
 Marion Belle Knight Reason
 *Ruth Elizabeth Resh
 **Della John Riddering
 Norma Helen Roemer
 Adelaide Marie Rueger
 Henrietta Louise Sadler
 Irma Elizabeth Sanzenbacher
 Marion Estella Sartain
 Geraldine Macmillan Schubert
 Ima Jane Sheldon
 Joseph Harry Shipman
 *Eleanor Ruth Skutt
 Helen Irene Smith
 *Lillian Bernice Smith

Margaret Aletha Smith
 Esther Parker Solar
 Jean Elizabeth Spencer
 Myrtle Grayce Spencer
 **Florence Olive Jackson
 Stevens
 Gertrude Louise Stine
 Verna Reed Sweeney
 Edith Lorraine Traut
 Rosemary Troester
 Una Emaline VanRiper
 Aurelia May Verduin
 Greta June Wallington
 Lois Elaine Webb
 **Dorothy K. Weed 120-144

COLLEGES OF ENGINEERING AND ARCHITECTURE

BACHELOR OF SCIENCE IN ARCHITECTURE

DECORATIVE DESIGN		
Margaret Louise Funk	Robert Vernon Reed	2
ARCHITECTURAL ENGINEERING		
Beach Frederick Arendt	Harry Sanborn Brown	6
Cleon Minor Bliss	Harper Pellette Fowley	
ARCHITECTURE		
Erwin Louis Broecker	Kenneth Elsner Holmes	14
Primitivo Castrillo, B.S. in Ed., <i>La Escuela Normal School</i>	Paul Frank Jernegan	
Merle John Eddy	John Ichiro Kawasaki	
Chauncey Wells Ferris	Roy Theodore Peterson	
Roland Clarence Gies, Jr.	Harold Edward Pine	
	Clarence Edward Stoll	
	Jonathan Anton Taylor	
	Otto Francis Wenzler, A.B., <i>St. John's College</i>	
	Stanley Franklin Zuck	

BACHELOR OF SCIENCE IN ENGINEERING

MATHEMATICS		
Martin Katzin, as of the class of 1928	Charles Winters MacGregor	2
ELECTRICAL AND INDUSTRIAL ENGINEERING		
Allan Keith Baker, B.S.E. (E.E.)		1
MECHANICAL AND INDUSTRIAL ENGINEERING		
Robert Arthur Minnear	Millard Francis Saxton	3
	Joseph John Wahl	
GEODESY AND SURVEYING		
John Robert Hall	Edward Dale Line	
AERONAUTICAL ENGINEERING		
Harvey Le Roy Anderson	Leonard Theodore Cookson	18
Delmas Fay Bailey	Maurice Robert Disler	
Laurence Mueller Ball	Fred Daniel Fleischer	
Dudley Bosworth Barrett	Claudius Candler Gage	
George Van Dusen Candler, Jr.	Harold Derk Hoekstra	
Fletcher Burchnell Carney	Charles Russell Irvine	
Sylvester Bullis Chadman	Flavius Earl Loudy	
	as of the class of 1916	
	Elmer John Mulac	
	Cyril Iakimoff Petcoff	
	Louis Henry Sibilsky	
	Ervin Harold Watts	
NAVAL ARCHITECTURE AND MARINE ENGINEERING		
Jules Urban Durham	Joseph Fellows, Jr.	2

Edwin Hawley Brink
Donald Ira Finch
Ning Tsan Fong
Curtis Charles Lindfors
§Stuart McLain

CHEMICAL ENGINEERING

Edward John Martin
Kenneth Loris Rohrbach, B.S.,
Franklin and Marshall College
Norman George Roth
Jack Hall Scaff

William Allen Spindler.
Edward Walter Tillitson
Marion Robert Williams
Oswald Theodore Zimmerman

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ELECTRICAL ENGINEERING

Gustave Harold Anderson
Everett Dale Barker, B.S., *Tri-
State College*
Robert John Barlow
Clifford James Bingham
Edward Warren Bratton
Gordon Harold Brown
Chester Davis
Robert C. Dilman
Solomon Fisher
William Henry Fuss

Hubert Garret Goebel
as of the class of 1926
Oliver Bruce Goldsmith
Maurice Ben Heftler, B.S., *Dart-
mouth College*
John Hessel
William Rockwell Hough
Paul Oswald Huss, B.S. in Ed.
Anthony Grentchareff Jordan
Theodore Alexander Kotila
Thomas Alexander Kouchnerka-
vich

Lawrence Ardenne Kramer
Jalmer Merrill Laiho
Charles De Witt Lawton
Charles Winters MacGregor
Emmett Whitney Manning
Ralph Herbert Mitchel
Charles Emory Nelson
Ronald Edward Paxson
Heyward Pearce
§Herbert Lucian Scofield
Lorimer Carlisle Spoor
Gaylord H. Wotring

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MECHANICAL ENGINEERING

Jack Charles Adler
Harold Whitney Bailey
Thomas Lloyd Baker
Harold Herbert Biggar
Carl Irving Bloomquist
James Flanders Buckley
§Paul Leonard Burton
Bailey Le Verne Canfield
Romelio Cesped
John Smith Congo
Eugene Easterly, Jr.
John Fletcher Erickson
Robert Pierce Everett
as of the class of 1924
Pierce Halleck Farrar
William Buckley Fortune
Harold James Gibson

Willis Fowler Hickes
Evert Carl Hokanson
§Ralph Hunt Houghton
Raymond Verne Johnson
Royce Lynn Johnson
Theodore Warren Johnson
Arnold Albert Kahn
Martin Edward Kandelin
Jack Brooks Laramy
J. Louis Levine
George Beyster Martin
Florian George Miller, B.S., *Tri-
State College*
Elmer John Mulac
Roland Carl Nyquist
Morris Burnhart Olson
Edward Thomas Orcutt

Edwin Henry Orth
James Franklin Preish
Harry Augustus Reed
Harold Charles Reynolds
Aubrey Hastings Robson
Harwood Faville Rundell
J. Kenneth Salisbury
Carl Wilson Signor
Donald Shirley Smith
Cornelius Jacob Van Zytveld
Ronald Oliver Warner
Willard E. Welsh
Nathan Rowland Wickersham, Jr.
Richard Jamison Williams
Frank William Wilson
Wilmer Ray Wright
Thomas Llewellyn Yates

49

CIVIL ENGINEERING

Walter Arch
Roger Kenneth Becker
John J Berghuis
John West Brown, A.B., *North-
ern State Teachers' College*
Layton Eugene Bury
Henry Lockert Byrne
James Aloisius Clulo
Kenneth Michael Comerford
Clement George Curtin
Earl Howard Curtis
Robert Easterly
George Washington Efner, Jr.
Martin Lee Fritter
William G. Fyfe
Carl Henry Gerken
John Robert Gilmartin

Charles William Selkirk Grace
John Albert Hapke
Edward Louis High
Thomas Yale Hobart
William Gordon Hogg
Adelbert Wright Hoy
George Edgar Hubbell
Martin Bell Hutchinson
Salah-ud-Din Mustafa Rached
Itani, A.B., *American Univer-
sity of Beirut*
James Gibson Jobs
Clyde Clement Johnson
Louis Daniel Kirshner
John Clayton Kohl
Thomas Milton Leslie
Edward Thomas McCarthy

Arthur Linden McDonald
Kynle Robert MacDuff
William Ferdinand Nickman
Morris Milton Penn
Arnold Penner
Charles Sanford
William Christian Senkpiel
Otto Frederick Sorgenfrei
Roland Joseph Swanson
Abdul-Amir Hussain Uzri
William Nicholas VanKoughnet
Lyle Chester Van Mere
Roland Vokac
Leland Keith Wenzel
Maxwell Robert Wiard
Louis Earl Winkelhaus

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BACHELOR OF SCIENCE (*in Mechanical Engineering*)

Albert Wells Russel, as of the class of 1896

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MEDICAL SCHOOL



DOCTOR OF MEDICINE

- John Huber Abell, A.B.
James Robert Adams, A.B.
*Abel Albert Applebaum, B.S.,
University of the City of Toledo
Branham Beazley Baughman,
A. B., *Centre College*
Walter Belser, A.B.
Martin Aaron Bernfield, B.S.
August Frederick Bliesmer
Alvin Thomas Bonathan, A.B.,
Northern State Normal School
Malcolm Eugene Boylan
Herbert Leroy Brumbaugh, A.B.,
Miami University
John Clifford Bugher, A.B.
Bernard Owen Burch, A.B., *Rice Institute*
Robert Alden Burhans, B.S., A.M.
Milton Gale Butler
Herman Keidel Butterworth
Cloyd Ray Byrd, B.S.
*Norton Canfield, B.S., *Dartmouth College*
Edward Balzhiser Castle, B.S.
Hector M. Chabut
Ruth McLan Chan, B.S., *University of Hawaii*
*Elizabeth Moon Conard, A.B.,
Grinnell College
Fillmore Smith Curry
Gerald De Maagd
Willard Wilton Dickerson
*Edwin John Doty
Henry Arthur Dunlap
Robert Joseph Emslie, A.B.,
Western Reserve University
Joseph Estrin, A.B.
Isadore Falk, A.B.
Rollin Peter Fiero, A.B.
Morris Aaron Fine
Frank Stephens Fiordelis, B.S.
Dan William Fisher, A.B., *Ohio Wesleyan University*
Justus Millard Fleming, B.S.,
Dartmouth College
Roscoe James Fortner, A.B., *Kalamazoo College*
Harold Michael Fox, A.B., *Michigan State Normal College*
Harvey Thomas Fuller, B.S.
Stephen Martin Gelenger
Alfred Mirron Glazer, A.B.
*Walter Sidney Glazer, A.B.,
M.S.
Lewis Alexander Golden, A.B.
Stanley Milton Goldhamer, B.S.
Sam Roy Goldstein, A.B.
Louis Dolphus Gomon, B.S.,
University of Detroit
Frank Henry Granito, A.B.
Solomon Greenberg, A.B.
Benjamin Aladar Gross
Gayland Lyle Hagelshaw
Cyril Franklin Hanft, Ph.C., B.S.
in Pharmacy
Norris Montague Hardisty, B.S.
Earl Andrew Hasty
Philip MacDonald Henderson,
A.B., *Albion College*
Edward David Hoedemaker, B.S.
Henry Boyer Hoff, B.S., *University of Pennsylvania*
Alvin Wilcox Howland, A.B.,
Adrian College
*John Franklin Huber, A.B., A.M.
Otto Seelem Hult, A.B.
Franklin Pitkin Husted, A.B.,
Syracuse University
Jerome Tyrrell Jerome, A.B.
Alexander Nicholas Johns, B.S.
Ralph Arthur Johnson
*Franklin Davis Johnston, B.S.E.
John Clifton Jones, A.B., *Ohio Wesleyan University*
Isadore Harris Kass, B.S., *University of the City of Toledo*
Harold Kessler
Matthew Robert Kinde
Harry Kok
Joseph Anthony Kurcz, B.S.
Edward William Laboe, B.S.,
Hillsdale College
Leonard William Lang, A.B.,
Kalamazoo College
Helen Elizabeth Palenius Lanting
Roelof Lanting, A.B., *Hope College*
Albert Roy Lappin
Frederick Andrew Lauppe
Noble Day Leonard
David Elvet Lewis, A.B., *Olivet College*
Nicholas Donald Lill
*Harold William Lovell, A.B.
Adolph Bernard Loveman, A.B.
John Donald Mabley
Fordyce Gordon McCabe
Robert Bruce McIndoe, A.B.
Roy Alexander MacNeill, A.B.
Hugh Martin Mahoney, B.S.
James Groenendyke Malone
Frank Macpherson Martin, B.S.
Harold Frazier Mattson, B.S.,
Hillsdale College
John Andrew Maurer, A.B., *Alma College*
Harold Joseph Meier
William Grant Meier, Jr.
Robert Milligan, A.B.
Kenneth Burnell Moore, A.B.,
Alma College
Lawrence W. Nehil
Virgil Frank Neumann
Ben Aubrey Newman
Mildred VanArsdale Nicholas,
A.B., *Alma College*
Frederick Allatt Obrock, D.D.S.,
M.S.
Kenneth Lader Olmsted
Fred Purney Osgood, B.S., *University of the City of Toledo*
Mark Frederick Osterlin, A.B.,
Capital University
George Arthur Palmer, A.B.,
Western Reserve University
*George Lucerne Pattee, A.B.
Abel Everett Peck, A.B.
Kenneth Colman Pierce, A.B.,
College of the City of Detroit
Henry Rabnowitz
Ralph Rhett Rathbone, A.B.
Rigdon Keerans Ratliff, A.B.,
Transylvania College
Harold Edwin Ray, A.B., *Cedarville College*
George McDougal Relyea
Edward Landon Rigley, B.S.,
Olivet College
William Leighton Rodgers
James Robert Rogin, A.B.
Leonard Rosenzweig, A.B.
*Wiley Mitchell Sams, A.B., *University of Kentucky*
Henry Aaron Scovill
George Henry Sehring, B.S.
Jacob Shapiro, A.B.
Leland Parmater Shipp, A.B.,
Albion College
Robert Sinclair Simpson, A.B.,
Albion College
Nelson Matthews Smith, A.B.
Charles Edward Snyder, A.B.
Louis Sosnow, Jr., Ph.G., *New Jersey College of Pharmacy*,
B.S.
Wendell LaVere Spalding, A.B.,
Albion College
Harry Frank Stamos, A.B.
Chester Ernest Stellhorn, A.B.
Rachel Cynthia Stephens, A.B.,
University of South Dakota
George Stephenson, A.B.
Walter Samuel Stinson
Harry Bayliss Stokes
Maxwell Earle Stone
Virgil Emmett Stover
*Richard Lightburn Sutton, Jr.,
B.S.
Neil Williams Swinton
Aaron Albert Topcik, A.B.

Lois Whitford Torres
 Yan To Tsang, A.B.
 Ray Victor Tubbs, B.S., M.S.,
University of Washington
 Raymond Sylvester VanBree
 Daniel Van Woerkom, A.B.
 John William VerDuin, A.B.

Irving Jacob Warmolts, A.B.
 Raymond Chase Warner, Ph.C.,
 B.S.
 Bernard Alec Watson
 Harry Weisberg
 George Wesley Westcott, B.S.

Joseph Francis Whinery, A.B.
 Prosper Deming White, Jr.
 Robert Gillam White
 Leston Snell Whitehead, A.B.
 Kenneth Phillip Wolfe, B.S.,
Alma College

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LAW SCHOOL

BACHELOR OF LAWS

Basil Faun Baker, A.B.
 Azel Edward Bean, A.B.
 Frederic Boyd Besimer, A.B.
 James Augustus Bope, A.B.,
Princeton University
 Alfred Connor Bowman, A.B.
 Richard Trosper Brewster, A.B.,
University of Kansas
 Nathan Kingsbury Brumbaugh
 Ivan A. Challis, A.B.
 David Jacob Cohen, A.B., *Uni-*
versity of Western Ontario
 Charles Evans Daugherty
 Samuel Raymond DiFrancesco,
 A.B.
 Bernal Eugene Dobell, B.S., *Ore-*
gon State Agricultural College
 Walter Iryin Duckett
 Marshall Polk Eldred, A.B.,
Vanderbilt University
 Donovan Ydeen Erickson
 Frederick George Ferguson, A.B.,
University of Notre Dame
 Lynn Watson Ferris
 Mary Francis, A.B.
 Jerome Jay Friedman, A.B.
 Stanley Howes Fulton
 Joe Caldwell Gamble, A.B.,
Maryville College
 Harry Lewis Edward Gervais,
 A.B.
 John Englebert Gunther, A.B.,
 A.M.
 John Richard Hahn, A.B., *Miami*
University
 William Emerson Hamaker, A.B.
 David Austin Howell, A.B.

James Ira Johnson
 Lowell Frederick Jones, A.B.
 Robert Yarnelle Keegan, A.B.
 Robert Marion Kerr
 Mentor Adolph Kraus, A.B.
 Peter Atim Lee
 Samuel Warren Leib
 David Louis Maltz, A.B.
 Russell V. Maxwell, A.B., *Ohio*
State University
 Robert Meginnity, A.B., *Dart-*
mouth College
 Emory L. Morris, A.B., *Earlham*
College
 Oscar Wood Moyle, Jr., A.B.,
University of Utah
 Timothy Joseph Murtaugh, Jr.,
 A.B., *University of Illinois*
 Waltz William Norris, B.S., *Ohio*
State University
 Melvin Albert Oll, A.B.
 Paul Taylor Omer, A.B., *Tran-*
sylvania College
 George William Paxson, A.B.,
Olivet College
 Albert Edward Petermann, Jr.,
 A.B., *Cornell University*
 Robert Seiberling Pflueger, B.S.,
Middlebury College
 Amos Miller Pinkerton, A.B.,
Wittenberg College
 Charles Fredric Preece, A.B.
 David Reel, Jr., A.B.
 Claude D. Reynolds, A.B.
 Lewis Speare Robinson, A.B.,
Princeton University
 William Kniss Rose, A.B.

Henry Claiborn Salveter, A.B.,
Park College
 Oscar Charles Sattinger
 Albert Ernest Sawyer
 Robert Forsyth Schwarz
 Harry John Seitz, A.B.
 Harry Seligson, A.B.
 Fermon Clarence Sewell, A.B.,
Missouri Wesleyan University
 Richard James Shaull, A.B.
 George William Sherr, A.B.,
Pennsylvania State College
 Robert Marcus Skall, A.B.
 Frederick Vernon Smith, A.B.
 John Edward Sponseller
 Herbert James Stapleton, A.B.,
State University of Iowa
 Hawley Edward Stark, A.B.
 Ethan Knowlton Stevens, A.B.,
Cornell University
 George Francis Sullivan, A.B.,
University of Wisconsin
 Garland Davisson Tait, A.B.
 Elmer Ellsworth Thomas, Jr.,
 A.B., *University of Nebraska*
 Edward Frederick Traver
 David Cooper Vokes, A.B.
 Joseph M. Weiss, Jr., A.B.
 Gerald Edwin White, A.B.
 Robert James Wilson, A.B.
 Sydney James Wilson, A.B.
 Myron Winegarden, A.B.
 Theodore Thomas Wood, A.B.,
Indiana University
 John Kyle Worley, A.B.
 Charles Joseph Zamara, A.B.

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JURIS DOCTOR

Lloyd William Bartlett, A.B.
 Ralph Moore Besse, A.B., *Heid-*
elberg University
 George Bowers Christensen, A.B.,
Lawrence College
 Maurice DeKoven, A.B., *Univer-*
sity of Chicago; A.M., Harvard
University
 Gerrit Demmink, A.B.
 Paul Roscoe Ebel, A.B., *Heidel-*
berg College
 Austin Fleming, A.B.

George Washington Gale, B.S.,
Knox College
 Waldo Karl Greiner, B.S.E.
 Carroll Caldwell Grigsby, A.B.,
College of the City of Detroit
 Stuart William Hill, *Graduate,*
United States Naval Academy
 Raymond Dumont Langlois, A.B.,
College of the City of Detroit
 Charles August Mertens, Jr., A.B.
 William Andrew Miller, A.B.,
Miami University

Edgar Martin Morsman, III,
 A.B., *Princeton University*
 Souren Paul, A.B.
 Sylvan Rapaport, A.B.
 Sylvan Stern Rosenbaum, A.B.
 Miles Gay Seeley, A.B.
 Harold Morton Silverston, A.B.
 Paul Justin Smith, A.B., *Penn-*
sylvania State College
 Calvin Nathaniel Souther, A.B.
 James Allen Sprowl, A.B.

Archibald Jackson Weaver, A.B.,
University of Nebraska

Gordon Brooks Wheeler, A.B.,
Albion College

Frank Towsley Zinn, B.S. 26

MASTER OF LAWS

Juan Laurel Lanting, LL.B.,
*University of the Philippine
Law School*

Arthur Yao, LL.B., *The Com-
parative Law School of China* 2

DOCTOR OF JURIDICAL SCIENCE

Saul Chesterfield Oppenheim,
A.B., *Columbia University*;
A.M., *ibid*; J.D.

John Yatchew, A.B., *University
of Saskatchewan*; A.M., *Uni-
versity of Alberta*; LL.B., *Uni-
versity of Manitoba*

Lester Bernhardt Orfield, A.B.,
University of Minnesota; LL.B.,
ibid; A.M., *Duke University* 3

JURIS DOCTOR (*Causa Honoris*)

Herbert James Rushton, Member of the Michigan Bar and State Senator from the Thirtieth Dis-
trict, as of the class of 1899 I-III

COLLEGE OF PHARMACY

PHARMACEUTICAL CHEMIST

Joseph John Balsamo
Harry Birger Benson

Donald Stewart Breisch
Charles Henry Hall, Jr.

Oscar Robinson
Daniel Emmit Ziegenbein 6

BACHELOR OF SCIENCE (*in Pharmacy*)

Joseph Edison Adams
Doris Janet Foster
David Benjamin Karelitz

Earl John Knaggs
Frank R. Koss
Nathan Manow

Edward Charles Mosier
Samuel Weinschelbaum
Philip Larry Wolgin 9-15

SCHOOL OF DENTISTRY

DOCTOR OF DENTAL SURGERY

Abraham Joshua Alper
George Edwin Anderson
Kenneth Wilkinson Anthony
Floyd Russell Arnold
James Lyell Beckett
William James Beuthien
Hugh Francis Bloomfield
Franklin Richard Bracken
Harold Leroy Burke
Nels Weir Burkman
Harland Clarence Campbell
Ralph Harold Campbell
Richard Harry Carter

Robert George Chambers, L.D.S.,
*Royal College of Surgeons of
Edinburgh*
Samuel Sidney Chattman
William David Clay
Harry Howell Cowan
Martin Meyer Cowan
Waldo Victor Crittenden, A.B.,
Alma College
Stewart Jack DeVries
Harold Graves Dixon
William Dobrowolsky
Conrad Garhard Drevdahl
Volney Lee Dunklin
Harold Roman Eyth

Charles Saul Feldman
Joseph Jay Fineman, A.B.
Frederick Earnest Fleming
Solomon Daniel Forman
John Combs Foulk
Andrew John Galsterer
Jay Wilfred Harrison
Raymond Asa Hart
John Edgar Harvie
William Hayllar
James Earle Hills
Edward Mathew Hoey
Daniel Leo Hogan
William Warren Holland
Percy Jerome Hopkins

Clare Edwin Hutchins
 Joseph John Jablonski
 George John Janis
 Stanley Percy Clarence Jesson
 Donald A. Keiser
 Manuel Klinger
 Everett Kuizema
 Edward Jacob Levenson
 Mark Herman Lownsbury
 Dan Lorenzo McMahon
 Neil Stanley MacVicar
 George John Maihofer
 Ervin Eugene Merriman, A.B.,
George Washington University
 D C Miller
 Hunter Irving Miller
 Clifford Alfred Mohnke
 George Leonard Morse
 Frederic Arthur Nadeau

Roland Oswald Nissle
 James Cody Nolen
 Homer B. Porritt, A.B.
 Frederick Hopkins Rahn
 Victor Emanuel Rein
 Franklin Spencer Roberts
 Satrag Arkoy Sahagian
 Edward Leo Schied
 Henry Sylvester Schmidt
 Harlow Louis Shehan
 Bernard Morris Shiffman
 Edward Franklin Shutts
 Leonard Sidlow
 Louis Albert Sigismond
 Ralph Wilmot Smith
 Pauline L. Spring
 Maurice Edson Steele
 Hazen Pingree Streit

Michael Raymond Sullivan, A.B.,
College of the City of Detroit
 Albert Bela Szekely
 Thomas Erwin Thompson
 Edwin Joseph Urbanski
 Arthur Van Victor
 Ebenhaezer Visser
 Lawrence Harvey Walkinshaw
 Arno Isaac Johannes Wargelin
 Donald Dewey Watson
 Julian Weber
 Horace Goodhue Wellman, A.B.,
Carleton College
 Donald Stuart Whitman
 John Frank Wood
 Bernard Charles Wozniak
 Corwin Robert Wright
 Ferdinand Louis Wurtsmith

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No candidates for the certificate of the Training School For Nurses will be presented as none of those whose courses have been completed are now in attendance.

SCHOOL OF BUSINESS ADMINISTRATION

MASTER OF BUSINESS ADMINISTRATION

Henry Warren Balgooyen, A.B.
 Carl Frederick Beier, A.B.
 Elizabeth Charlotte Black, A.B.
 Russell Anton Buri
 Albert Rolland Damm, A.B.
 DeWitt Davis, III
 Gerald Frederick Dewhirst
 Louis Riley Eisentrager
 O. Edward Fisher, A.B., *George*
Washington University
 Clare Earl Harder, A.B.

Thomas Kenneth Haven, A.B.
 Herbert Davis Hunter, A.B.
Olivet College
 Willard Pettigrew Jones, Ph.B.,
Ripon College
 Gerald James Lawson
 Charles Thornton McGuire
 Randolph B. Monroe
 Micajah Starr Northrop, A.B.
 James Underhill Piper

William Hartley Shannon, A.B.
 Stanley Martin Steinko, A.B.
 John Patrick Sullivan, A.B., *Uni-*
versity of Akron
 Miron Kingsbury Towne, A.B.,
University of North Dakota;
B.S.C., ibid
 Charles Richard Vanek, A.B.
 Theodore Arthur Veenstra, A.B.
 Herschell William Whitaker, A.B.

25

SCHOOL OF FORESTRY AND CONSERVATION

BACHELOR OF SCIENCE (*in Forestry*)

Kenneth Mathews Allan
 Paul Amey Brinson
 Clinton Huxley Coulter
 Johnston Clyde Craig
 **LeRoy Andrew Holmberg

Harry Matthews
 Russell Roy Reynolds
 Clayton Willson Scribner
 Philip Ridgely Wheeler

Donald Walter Winter
 Special Mention in Forest
 Management
 George Thurber Woolson

11

MASTER OF SCIENCE (*in Forestry*)

Henry Charles Hulett, B.S.F.

Randal McCain, B.S.F.

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GRADUATE SCHOOL



MASTER OF SCIENCE (*in Chemistry*)

George Wieland Ashworth, B.S. (Chem.) 1

MASTER OF SCIENCE (*in Public Health*)

Lloyd Rolland Gates, B.S. in Ed. Adolph J. Roth, A.B., *Olivet College* Catherine Adella Waters, A.B.
 Florence Farnam Goodrich, A.B., *Hillsdale College* 4



MASTER OF LANDSCAPE DESIGN

Jack William Crawford, A.B. Wayne Hance Laverty, A.B. John Roys Peterson, A.B. 3



MASTER OF ARTS (*in Library Science*)

Esther Betz, A.B., B.L.S., *New York State Library School* Margaret McCain, A.B.L.S. Theodore Eli Norton, A.B., *University of Washington*
 Vittorio Camerani, D.Litt., *University of Florence* Adah Vivian Morris, A.B., *Ohio State University, Certificate, New York State Library School* Margaret Inglis Smith, A.B. 6



MASTER OF SCIENCE (*in Engineering*)

Ransom George Amlong, B.E., *State University of Iowa* Howard Raymond Healy, Graduate, *United States Naval Academy* Clyde Luellen Palmer, B.S.E.
 Harold John Chalk, B.S.E. John Fred Heidbreder, B.S.E. Edward Eugene Pettibone, B.S.E.
 Adelbert Frink Converse, Graduate, *United States Naval Academy* Ralph Wilmarth Higbie, B.S.E. Edward Abbott Ravenscroft, B.S.E.
 William Gould Dow, B.S. in Eng., *University of Minnesota, E.E., ibid* Tom Burbridge Hill, Graduate, *United States Naval Academy* John William Schultz, B.S.E.
 John Trimble Eash, B.S., *Purdue University* George Frederick Hogg, B.S., *College of the City of Detroit* Darwin Sew, B.S.E.
 Franklin Leland Everett, B.S.E. Martin Katzin, B.S.E. Cheng Wen Tien, B.S.E., *Nanyang University*
 Jack Trombley Gray, B.S.E. Vsevolod Basil Koriagin, B.S.E. Kuo-Ying Wei, B.S., *Nanyang University*
 Elwood Douglas Guernsey, B.S.E. Friedrich Wilhelm Leffer, B.S.E. Juan Federico Wiechers, B.S., *University of Wisconsin*
 Clark Edwin Harris, B.S.E. Elizabeth Muriel Gregory MacGill, B.A.Sc., *University of Toronto* Franciszek Wyszynski, B.S.E.
 Garrett Daunt O'Connor, B.Sc., *Queen's University* Tsai Yang Yu, B.S., *Nanyang University* 29



MASTER OF SCIENCE

Arnold Eli Baragar, A.B. Douglas William Faulkner, A.B., *Albion College* Canuto Guevarra Manuel, B.Agr., *University of the Philippines, B.S.A., ibid*
 Alice Jenkins Beal, B.S., *Michigan State Normal College* Arthur Field, A.B., *University of Bristol* Frank Hans Moser, A.B., *Hope College*
 John Joseph Bittner, A.B., *Saint Stephens College* James Edward Field, B.S., *Heidelberg College* John Nyboer, A.B.
 Louise Altha Bush, A.B. Edward Frank Furtsch, B.S. Urban Oscar Oakdale, B.S. (Phar.)
 Louis Burrell Carrick, A.B., *College of the City of Detroit* John Edmond Galley, A.B. Frederick Francis Pfeiffer, Jr., D.D.S.
 Wesley Clanton, B.Sc., *Ottawa University* Robert Lorimer Grant, B.S., *Alma College* Cedric Lambert Porter, B.S.
 Francis George Dressel, B.S., *Michigan State College* Elgin Ross Simpson Hall, A.B., *Queen's University* Gordon Edward Seavoy, B.S.E.
 Werner William Duemling, M.D. Lyman Spicer Judson, A.B., *Albion College* Exequiel Sunico Sevilla, B.S., *University of the Philippines*
 Russell Bert DuVall, B.S., *College of Wooster* Margaret Stuart Keller, A.B. LeRoy Calkins Stegeman, B.S., *Michigan State College*

Waldo Edward Steidtmann, A.B.,
University of Wisconsin
Morton Bayard Stephenson, B.S.
Charles Daniel Susano, B.S.,
Waynesburg College
Esther Ophelia Tibbs, B.S.

Theodore Andrew Timchac,
B.S.E.
Kathryn Dewey Tyler, A.B.,
University of Illinois
Henry Vozka, A.B.
Oliver Jacob Weinkauff, B.S.
(Phar.)

Gladys Florence West, A.B. in
Ed., *University of Nebraska*
Donald Aldrich Wilbur, A.B.,
Central State Teachers College
Tsung Tong Zee, A.B., *Shang-
hai College*

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MASTER OF ARTS

Ray Horatio Adams, A.B. in Ed.
Leo Avedis Aroian, A.B. in Ed.
Mildred Elizabeth Augustus,
A.B., *Michigan State Normal
College*
Isaac Nissim Avramoff, A.B.,
College of Emporia
Germaine Emma Baer, A.B.
Oscar Ferdinand Bale, A.B.,
Concordia College
Florence Nevada Balmer, A.B.,
Simpson College
Mabel Virginia Barham, A.B.,
*Randolph-Macon Woman's
College*
William Emmet Batzler, A.B. in
Ed.
Hermine Katherine Bauschard,
A.B. in Ed.
Doris Anne Bender, B.S., *Univer-
sity of Buffalo*
Kathryn Seymour Bennett, A.B.
Charles Stewart Boertman, A.B.
Louise Tate Bousman, A.B.,
Berea College
Eleanor Brekke, A.B.
Elinor Vernon Briggs, A.B.,
Olivet College
Frances Martina Broene, A.B.
Marjorie Brown, A.B.
Maximino Guerrero Bueno, A.B.
Henry Allen Bullock, A.B., *Vir-
ginia Union University*
Vern Wesley Bunnell, A.B.,
Kalamazoo College
Tieh Chang Chao, A.B., *Kwang
Hua University*
Martha Bong Kum Choy, A.B. in
Ed.
Donald R. Clapp, A.B., *Michi-
gan State Normal College*
Jack McIntyre Clifford, A.B. in
Ed.
Richard Kenneth Compton, A.B.,
Kalamazoo College
Francis Morse Cooke, A.B. in
Ed.
Frances Ann Craighead, A.B.,
Agnes Scott College
Savannah Lowry Cross, A.B.,
*Stephen F. Austin State Teach-
ers College*
Angelyn B. Cunningham, A.B.,
Vassar College
Roy Gaylord Curtis, A.B.
Elizabeth Daniel, A.B., *Univer-
sity of Colorado*
Ruby Elaine Dare, A.B., *Taylor
University*

Loy Erman Davis, A.B., *Drury
College*
Dorothy Helen DeWitt, A.B.,
Grinnell College
Stanley Ellwood Dimond, A.B.
Bessie Natalie Divine, A.B.
E. William Doty, A.B. in Ed.
Frank James Dove, A.B., *Albion
College*
Mary Lienceil Drake, A.B.,
Ohio Wesleyan University
Evelyn Dressel, A.B., *Kalamazoo
College*
Jacob Kyuang Dunn, A.B.
Mary Louise Dunnebacke, A.B.
Simon Andrew Dykstra, A.B.,
Calvin College
Sharon Lea Finch, A.B., *DePauw
University*
David Harold Fink, A.B.
Ruth Marion Flower, A.B., *Mar-
shall College*
Myrtle B. Forsberg, B.S., *Uni-
versity of Minnesota*
Elma Florence Free, A.B.,
Juniata College
Lloyd Kling Friedman, A.B., *Rice
Institute*
Siebolt Dirk Frieswyk, A.B.,
Calvin College
Henry Alpine Frutig, A.B.,
College of the City of Detroit
Jane Winifred Gibbons, B.S.,
Columbia University
George Dwight Gilbert, B.S.,
Michigan State College
Sidney Glazer, A.B., *College of
the City of Detroit*
Myron Marc Golden, A.B., *Col-
lege of the City of Detroit*
Nina Gronstrand, A.B. in Ed.
Sara Florence Hanford, A.B.,
Elmira College
Gordon William Harrison, Ph.B.,
University of Chicago
Harry Arthur Hart, A.B.
Clement Long Henshaw, B.S.,
Union College
Marie Agnes Hickey, A.B., *Saint
Mary's College*
Jeannette Bullis Higgins, A.B.
Ira Dwight Hirschy, B.S., *James-
town College*
Ethel Margaret Sagendorph
Hoffman, A.B.
Charles Ludwul Holmes, A.B.,
Colorado College
Mary Eliza Howe, A.B.
Warren Hartley Hoyt, A.B.

Katherine Electa Hubbard, A.B.
Jack Huddleston, A.B., *Univer-
sity of Missouri*
Fred Shipman Huff, A.B., *West-
ern State Teachers College*
Ruth Mary Hylant, B.S. in Ed.,
*State Teachers College at Buf-
falo*
Margaret Ives, A.B., *Vassar Col-
lege*
John Jacobs, A.B., *University of
Dubuque*
Marguerite Lucile Jaqua, B.S.,
*Michigan State Normal Col-
lege, A.B.*
Judith Miriam Jimenez, A.B. in
Ed.
Helen Johnston, B.S. in Ed.,
New York University
Vern Russel Jones, B.Pd., *Tri-
State College, A.B.*
Mary Karpinski, A.B.
Lawrence Victor Keefer, A.B.,
University of Utah
Leo Kirschbaum, A.B.
Gertrude Knoll, A.B., *Calvin
College*
Frederic Kuder, A.B., *University
of Arizona*
Mildred Louise Kuenzel, A.B.
Vivian Natalie LaJeunesse, A.B.
in Ed.
Lillian Amick Lamoreaux, B.S. in
Ed., *University of the City of
Toledo*
William Edward Lantz, B.S. in
Ed., *Ohio State University*
Stephen Addison Larrabee, A.B.,
Wesleyan University
Marshall Herman Levy, A.B.
Evangeline Lewis, A.B.
Karl Litzenberg, A.B., *University
of Minnesota*
Tuh Yung Loh, A.B., *Great
China University*
Richard Jewett Lougee, B.S.,
Dartmouth College
H. Robert Anderson McCorkle,
A.B., *University of Southern
California*
Andrew Vance McCracken, A.B.,
*Amherst College, B.D., Union
Theological Seminary*
Beulah Marie Grace Magnotta,
A.B., *Albion College*
Lulu Maynard, A.B., *Kalamazoo
College*
Josepha Dorothy Meinecke, A.B.,
University of Nebraska

- Anna Lillian Miller, A.B.
 Jack Milligan, A.B., *College of the City of Detroit*
 Peter Monsma, A.B., *Calvin College*
 Hilda Jane Moore, A.B., *Mount Union College*
 Bert Henry Narveson, A.B., *Luther College*
 George Herbert Nelson, A.B., *Northern State Teachers College*
 M. Graham Netting, B.S., *University of Pittsburgh*
 Martha Elizabeth Norburn, A.B., *College of Saint Genevieve of the Pines*
 Willis Mackay Oosterhof, A.B., *Hope College*
 Harold Alton Ott, A.B.
 Lena Emma Paris, A.B. in Ed.
 Constance Parker, A.B.
 Robert Methven Petrie, A.B., *University of British Columbia*
 Herman Henry Price, A.B., *Bethany-Peniel College*
 Gladys Naomi Rambo, A.B.
 Robert Lathrope Reeves, B.S. in Ed., *Detroit Teachers College*
 Florence Una Regal, A.B., *Michigan State Normal College*
 Vivian Eileen Retzlaff, A.B. in Ed.
 Meta Elizabeth Reynolds, A.B. in Ed.
 Katharine Hermione Ripman, A.B., *Oxford University*
 Roland Inwood Robinson, A.B., *Western State Teachers College*
 Henry Fairbank Rood, A.B., *Oberlin College*
 Robert Gardner Rosegrant, B.S., *Harvard University*
 Josephine Hinman Ross, A.B. in Ed.
 Herman Paul Roth, A.B., *Olivet College*
 Margaret Mary Elizabeth Sager, A.B.
 Elizabeth Louise Sawyer, A.B., *University of Maine*
 Charlene Elizabeth Shiland, A.B.
 John Henry Shilling, A.B., *Taylor University*
 Wayne Nicholas Shoemaker, A.B., *Kalamazoo College*
 Bernice Muir Shumar, A.B. in Ed.
 Robert Kenneth Sifritt, A.B., *Ohio Wesleyan University*
 Joseph B. Smeltzer, B.S., *Valparaiso University*, A.B., *ibid*, B.S. in Ed., *ibid*
 Alexander Hanchett Smith, A.B., *Lawrence College*
 Arthur Edgar Smith, A.B., *College of the City of Detroit*
 Duane Douglas Smith, A.B., *Broadus College*
 Willard Harvey Smith, A.B., *Goshen College*
 Helen M. Stevens Snyder, A.B., *State University of Iowa*
 Henry Jackson Southern, Jr., A.B., *Furman University*
 Hazel Ethel Spedding, A.B.
 Mary Elizabeth Stewart, A.B., *Duke University*
 Blair Kinch Swartz, B.S.E., A.B.
 Hans Christian Thory, A.B., *University of Illinois*
 Flossie Anne Tomkinson, A.B. in Ed.
 Robert Harris Toot, A.B.
 Mary Elizabeth Tyler, A.B.
 Floyd R. Vander Meer, A.B., *Hope College*
 George Sigler Van Fleet, B.S., *Montana State College*
 Charles Van Riper, A.B. in Ed.
 Jacob Van Tuinen, A.B., *Calvin College*
 Herbert Edward Vedder, A.B.
 Paul Rudolph Washke, A.B., *Western State Teachers College*
 Lois Louise Waterman, A.B.
 Anna E. Waybright, A.B., *Marshall College*
 Howard August Weber, A.B. in Ed.
 Eleanor Catherine Wegg, A.B. in Ed.
 Herbert Clay Weller, A.B., *University of Illinois*
 Howard Milton Wert, A.B., *Dickinson College*
 Elsie Gibson Whitney, A.B., *Syracuse University*
 Lucy Sue Abney Williams, A. B., *Baylor University*
 Leon Bryan Wolcott, A.B., *Hillsdale College*
 Bernice Frances Wright, A.B., *Marshall College*
 Joe Zandstra, A.B., *Calvin College*

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CIVIL ENGINEER

- Yasuhei Emori, B.E. (C.E.), *Tokyo Imperial University*, M.S.E.
 Department of Specialization: Civil Engineering.
 Thesis: Study of Mineral Fillers in Sheet Asphalt Paving Mixtures.
 George Gottlieb Stroebe, Ph.B., *University of Chicago*, B.S. (C.E.)
 Department of Specialization: Civil Engineering.
 Thesis: Reports of Yangtse River Commission, China, and Discussion of Data.

2

ELECTRICAL ENGINEER

- Erwin Ernest Dreese, B.S.E., M.S.
 Department of Specialization: Electrical Engineering.
 Thesis: Synchronous Motor Effects in Induction Machines.

1

MECHANICAL ENGINEER

- Ernest Frederick Weeks, B.S.E.
 Department of Specialization: Mechanical Engineering.
 Thesis: The Harrison Gas Works. Public Service Electric and Gas Company.

1

DOCTOR OF PUBLIC HEALTH

Helen Albano, A.B., M.S.P.H.

Department of Specialization: Hygiene and Public Health.

Dissertation: Methods for Reduction of Maternal and Infant Mortality Rates in Saginaw, Michigan, as a Representative City of 70,000 to 100,000 Population.

Grace Poksyn Song Line, M.D., *Women's Medical College, Tokyo*, M.S.P.H.

Department of Specialization: Hygiene and Public Health.

Dissertation: Difference of Growth in Different Races.

Albert Russel Renwick, A.B., A.M.

Department of Specialization: Hygiene and Public Health.

Dissertation: Informing the Public on Health Matters Through Newspapers.

3



DOCTOR OF SCIENCE

Ralph Leroy Belknap, B.S.E., A.M.

Department of Specialization: Geology.

Dissertation: Physiographic Studies in the Holstensborg District of Southwestern Greenland.

Richard Gesse Clarkson, B.S.E., M.S. (Chem.)

Department of Specialization: Chemistry.

Dissertation: The Synthesis of a New Series of Spiranes.

Wendell Morris Coates, A.B., *Williams College*, M.S.

Department of Specialization: Engineering Mechanics.

Dissertation: The State of Stress in Thin-Walled Pressure Vessels.

Wilfrid Taylor Dempster, B.S., A.M.

Department of Specialization: Zoology.

Dissertation: Comparative Morphological Studies of the Amphibian Ear, with Special Reference to the Endolymphatic Organ.

Richard Harry Harrington, B.S.E., M.S.E.

Department of Specialization: Chemical Engineering.

Dissertation: Thermal Analysis of the Critical Ranges of the Iron-Carbon Equilibrium Diagram.

Wactaw Turner Szymanowski, E.E., *Institute of Technology, Vienna*

Department of Specialization: Electrical Engineering.

Dissertation: A Rapid Method for Predicting Daylight Distribution in Buildings.

6



DOCTOR OF PHILOSOPHY

John William Albig, A.B., *Gettysburg College*, A.M., *ibid*

Department of Specialization: Sociology.

Dissertation: Group Opinion and the Mexican.

William Dowell Baten, A.B., *Baylor University*, A.M., *University of Texas*

Department of Specialization: Mathematics.

Dissertation: Theorems Concerning Probability.

Walter Gerald Bergman, A.B., *Greenville College*, A.M.

Department of Specialization: Education.

Dissertation: The Determination of Norms.

James Gilbert Black, B.S., *University of Kentucky*, M.S., *ibid*

Department of Specialization: Physics.

Dissertation: The Spectra of Metallic Vapors.

Chelcie Clayton Bosland, B.S., *University of Minnesota*, A.M., *ibid*

Department of Specialization: Economics.

Dissertation: A Study in Tire and Rubber Common Stock Prices.

- Nita Lorine Butler, A.B., A.M.
 Department of Specialization: Classical Archaeology.
 Dissertation: Colors in Pompeian Wall-Paintings.
- Charles Francis Byers, A.B., M.S.
 Department of Specialization: Zoology.
 Dissertation: A Contribution to the Knowledge of Taxonomy and Ecology of Florida Odonata.
- Marvin St. Clair Carr, A.B., *Michigan State Normal College*, B.S.E.
 Department of Specialization: Chemical Engineering.
 Dissertation: Gaseous Explosions. The Effect of Lead Tetraethyl on the Rate of Rise of Pressure.
- Thomas Edgar Casady, A.B., A.M.
 Department of Specialization: English.
 Dissertation: Moses Coit Tyler. A Critical Biography.
- Harcourt Lenhart Caverly, A.B.
 Department of Specialization: Economics.
 Dissertation: The Differential Taxation of Profits.
- Ruel Vance Churchill, B.S., *University of Chicago*, M.S.
 Department of Specialization: Mathematics.
 Dissertation: On the Geometry of the Riemann Tensor.
- Hal Begtrup Coats, B.S.E., M.S.E.
 Department of Specialization: Chemical Engineering.
 Dissertation: Vapor Pressure of Hydrocarbons and Complex Mixtures.
- Wilford Lorn Coffey, A.B., *Michigan State Normal College*, A.M.
 Department of Specialization: Education.
 Dissertation: Legislative Enactments and Judicial Decisions Affecting the Adoption, Sale, and Use of Textbooks.
- James Emery Cox, A.B., *Oakland City College*, A.M., *Indiana University*
 Department of Specialization: English.
 Dissertation: Jeremy Collier's "Short View."
- Cecil DeBoer, A.B., *Calvin College*
 Department of Specialization: Philosophy.
 Dissertation: Space — Time and Compresence: A Critical Discussion of the Philosophy of S. Alexander.
- Ralph Lawrence Dewey, A.B., *Ohio State University*, A.M., *ibid*
 Department of Specialization: Economics.
 Dissertation: The Long-and-Short-Haul Principle of Rate Regulation.
- Dwight Lowell Dumond, A.B., *Baldwin-Wallace College*, A.M., *Washington University*
 Department of Specialization: History.
 Dissertation: The Motives and Process of Secession.
- Nathanael Howard Engle, A.B., *University of Washington*, A.M., *ibid*
 Department of Specialization: Economics.
 Dissertation: Competitive Forces in the Wholesale Marketing of Prepared Food Products.
- Hilbert Theodore Ficken, Ph.B., *Baldwin-Wallace College*, A.M., *ibid*
 Department of Specialization: German.
 Dissertation: The Religious Development of Schiller Previous to the Year 1790.
- Henry Harrison Fuller, B.S., *Michigan State College*, A.M., *Columbia University*
 Department of Specialization: Education.
 Dissertation: The Relative Effectiveness of the Group Supervisory Conference and the Individual Supervisory Conference.
- Aloysius Joseph Gaiss, Ph.B., *Alfred University*, A.M.
 Department of Specialization: German.
 Dissertation: A Collation of the Codex Argenteus and the Codex Brixianus (f).
- Lois Garrett, A.B., *University of Delaware*, A.M., *University of Pennsylvania*
 Department of Specialization: Psychology.
 Dissertation: A Study of One Hundred Cases of Psychopathic Personality.

- Charles Burton Gordy, B.S. (Econ.), *University of Pennsylvania*, A.M., *ibid*
 Department of Specialization: Economics.
 Dissertation: Scientific Management in the Automobile Industry.
- Oswald Herman Greager, B.S., *University of Maryland*, M.S.
 Department of Specialization: Chemistry.
 Dissertation: A Study of the Adhesion Tension Relationships and Correlated Properties of Calcium Fluoride.
- John Odus Grimes, B.S. in Ed., *Ohio University*, A.M.
 Department of Specialization: Education.
 Dissertation: A History of the Academies of the State of Michigan prior to 1872.
- Alice Katherine Hall, A.B., *Vassar College*, A.M.
 Department of Specialization: English.
 Dissertation: The Methods of Composition of John Keats.
- Ella May Hanawalt, A.B., A.M.
 Department of Specialization: Psychology.
 Dissertation: Whole and Part Methods in Trial and Error Learning.
- Leslie Lyle Hanawalt, A.B., *Oberlin College*, A.M., *ibid*
 Department of Specialization: English.
 Dissertation: The Rise of Gothic Drama, 1765-1800.
- Marian Alberta Hawes, A.B., *Radcliffe College*, A.M., *Vassar College*
 Department of Specialization: Astronomy.
 Dissertation: A Study of the Variation in Wave Length of Individual Lines, with Spectral Class from F to K.
- Raymond Hoekstra, A.B., *Calvin College*, A.M.
 Department of Specialization: Philosophy.
 Dissertation: The Negative Judgment: Its Place in Theory of Knowledge and Metaphysics.
- Louis Ward Keeler, Ph.B., A.M.
 Department of Specialization: Education.
 Dissertation: Attention and Abstraction.
- Laura Elizabeth Hill McLaughlin, A.B., *Northwestern University*, A.M., *ibid*
 Department of Specialization: Astronomy.
 Dissertation: A Micro-Photometric Study of the Spectrum of Beta Lyrae.
- Ernest Joseph Merrill, A.B., *Albion College*, M.S.
 Department of Specialization: Chemistry.
 Dissertation: Determination of Adhesion Tension of Liquids Against Solids. A Microphotographic Method.
- F. Laverne Miller, A.B., *Michigan State Normal College*, M.S.
 Department of Specialization: Chemistry.
 Dissertation: The Relation Between Interfacial Tension, Adhesion Tension, and Adsorption from Binary Liquid Mixtures.
- Paul Mueschke, A.B., *University of Texas*, A.M., *ibid*
 Department of Specialization: English.
 Dissertation: Prototypes of Restoration Wits and Would-Bees in Ben Jonson's Realistic Comedy.
- Adolph Murie, A.B., *Concordia College*, M.S.
 Department of Specialization: Zoology.
 Dissertation: Distributional Relationships and Variability of Two Subspecies of *Peromyscus maniculatus* in the Glacier Park Region.
- Joseph Magee Murray, A.B., *University of Maine*, A.M.
 Department of Specialization: Anatomy.
 Dissertation: A Study of the Histological Structure of Mouse Ovaries Following Exposure to Roentgen Ray Irradiation.
- Albert Ray Newsome, A.B., *University of North Carolina*, A.M.
 Department of Specialization: History.
 Dissertation: The Presidential Election of 1824 in North Carolina.

- Harold Herborg Nielsen, B.S., A.M.
 Department of Specialization: Physics.
 Dissertation: The Infra-Red Absorption Spectrum and the Molecular Structure of Hydrogen Sulphide.
- Henry Bamford Parkes, A.B., *Oxford University*, A.M., *ibid*
 Department of Specialization: History.
 Dissertation: New England and the Great Awakening, a Study in the Theory and Practice of New England Calvinism.
- Robert Phillips, A.B., *Albion College*, A.M.
 Department of Specialization: Political Science.
 Dissertation: The Political Party in American Thought.
- Marvin Carson Rogers, B.S. (Ch.E.), *University of Minnesota*, M.S.E.
 Department of Specialization: Chemical Engineering.
 Dissertation: Raoult's Law and the Equilibrium Vaporization of Hydrocarbon Mixtures.
- Shio Sakanishi, A.B., *Wheaton College*, A.M.
 Department of Specialization: English.
 Dissertation: An Edition of a Dialogue on the State of Ireland from an Unpublished Manuscript in the London Public Record Office.
- Esther Blick Sanders, A.B., *Adrian College*, M.S.
 Department of Specialization: Anatomy.
 Dissertation: A Consideration of Certain Bulbar, Midbrain and Cerebellar Centers and Fiber Tracts in Birds.
- John Eugene Sass, B.S., M.S.
 Department of Specialization: Botany.
 Dissertation: The Cytological Basis for Homothallism and Heterothallism in the Agaricaceae.
- Frances Louise Seydel, A.B., *Wellesley College*, A.M.
 Department of Specialization: Astronomy.
 Dissertation: A Study of the Spectrum and Orbit of Upsilon Sagittarii.
- George Ernest Shortt, A.B., *Queen's University*
 Department of Specialization: History.
 Dissertation: The Second Bank of the United States under Two Charters.
- Carleton Neikirk Smith, A.B., *Oberlin College*, M.S.
 Department of Specialization: Chemistry.
 Dissertation: The Properties of Carbon Black as Revealed by the Measurement of Adhesion Tension Solid-Liquid.
- Franklin Danford Smith, A.B., *Hiram College*, A.M.
 Department of Specialization: Pharmaceutical Chemistry.
 Dissertation: Part I. The Action of Aromatic Grignard Reagents on Arsenic Trioxide.
 Part II. The Action of Aromatic Grignard Reagents on Arylarsine Oxides.
 Part III. The Preparation and Properties of Tetraaryldiarsyls.
- Floyd Adlai Stilgenbauer, A.B., A.M.
 Department of Specialization: Geography.
 Dissertation: The Geography of Prince Edward Island.
- William Melville Strachan, A.B., LL.B., A.M.
 Department of Specialization: Political Science.
 Dissertation: Radio Communication: A Problem in Domestic and International Jurisdiction and Legislation.
- Olive Griffith Stull, A.B., *Smith College*, A.M.
 Department of Specialization: Zoology.
 Dissertation: Variations and Relationships in the Genus *Pituophis*.
- Paul McCartney Swingle, B.C.E., *Ohio State University*
 Department of Specialization: Mathematics.
 Dissertation: A Certain Type of Continuous Curve and Related Point Set.
- George John ten Hoor, A.B., A.M.
 Department of Specialization: German.
 Dissertation: James Harris and the Influence of his Aesthetic Theories in Germany.

- Charles Hastings Thomas, A.B., *Dickinson College*, A.M., *Princeton University*
 Department of Specialization: Physics.
 Dissertation: Anode Spots and their Relation to the Absorption and Emission of Gases.
 by the Electrodes of a Geissler Discharge.
- Homer Armstrong Thompson, A.B., *University of British Columbia*, A.M., *ibid*
 Department of Specialization: Greek and Latin.
 Dissertation: The Transportation of Government Grain in Graeco-Roman Egypt.
- Harley Samuel Van Vleet, B.S.E., M.S.
 Department of Specialization: Chemical Engineering.
 Dissertation: Austenitic Decomposition and the Changes in Magnetic Properties.
- Francis McLennon Vreeland, A.B., *Alma College*, A.M.
 Department of Specialization: Sociology.
 Dissertation: The Process of Reform with Especial Reference to Reform Groups in
 the Field of Population.
- Arthur Mattern Wagner, B.S., *Franklin and Marshall College*, M.S.
 Department of Specialization: Chemical Engineering.
 Dissertation: The Influence of Antioxidants on the Rate of Oxidation of Linseed Oil.
- Thomas Elliot Weier, A.B., *Hope College*
 Department of Specialization: Botany.
 Dissertation: A Comparison of the Meiotic Prophases in *Oenothera Lamarckiana* and
Oenothera Hookeri.
- Francis Phelps Weisenburger, A.B., A.M.
 Department of Specialization: History.
 Dissertation: Ohio Politics during the Jacksonian Period.
- Gardner Williams, A.B., *Columbia University*, A.M., *Harvard University*
 Department of Specialization: Philosophy.
 Dissertation: The Role of Pleasure in the Theory of Value.
- Robert Hugh Wilson, B.S., *University of Denver*, M.S.
 Department of Specialization: Physiological Chemistry.
 Dissertation: Comparative Studies of the Metabolism of Amino Acids.
- Hugh Campbell Wolfe, A.B., *Park College*, M.S.
 Department of Specialization: Physics.
 Dissertation: On the Principle of Microscopic Reversibility in the Kinetic Theory.
- James Gelston Woodburn, A.B., *Indiana University*, A.M., *ibid*, B.S. (C.E.), *Purdue University*
 Department of Specialization: Civil Engineering.
 Dissertation: Tests of Broad-Crested Weirs.

HONORARY DEGREES



MASTER OF LAWS

HENRY WILLIAM WEBBER, Member of the New York Bar.



MASTER OF ARTS

FREDERICK WILSON WILLARD, Personnel Director of the Western Electric Company.

OSSIAN COLE SIMMONDS, Landscape Architect.



MASTER OF ENGINEERING

JESSE GURNEY VINCENT, Vice President of Engineering, Packard Motor Car Company.



DOCTOR OF BUSINESS ADMINISTRATION

HENRY STURGIS DENNISON, President of the Dennison Manufacturing Company, Framingham, Massachusetts.



DOCTOR OF ENGINEERING

HERBERT HENRY DOW, President of the Dow Chemical Company, Midland, Michigan.

MORTIMER ELWYN COOLEY, Dean Emeritus of the Colleges of Engineering and Architecture.



DOCTOR OF SCIENCE

ROSS GRANVILLE HARRISON, Sterling Professor of Biology and Director of the Osborn Zoological Laboratory, Yale University.

GREGORY PAUL BAXTER, Professor of Chemistry, Harvard University.



DOCTOR OF LETTERS

HENRY LEROY CRUMMER, Physician and collector of books and prints relating to the history of medicine.

SIR WILLIAM ALEXANDER CRAIGIE, Editor of the Oxford English Dictionary.



DOCTOR OF LAWS

ROBERT PATTERSON LAMONT, Secretary of Commerce.

ARTHUR MASTICK HYDE, Secretary of Agriculture.

JAMES WILLIAM GOOD, Secretary of War.

ROBERT ANDREWS MILLIKAN, Director of the Norman Bridge Laboratory of Physics and Chairman of the Administrative Council, California Institute of Technology.

The following persons, having completed their course of study, were graduated in the period between January and June of this year.

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

BACHELOR OF SCIENCE

*Robert McLeod Bradley	Richard Paul Weeber	2
------------------------	---------------------	---

BACHELOR OF ARTS

Chester Harry Anschell	Richard Edward Helms, Jr.	**Helen Margaret Robinson
Abraham Edward Bayuk	Edward Melville Heymann	Carlisle Fredrick Rueger
Raymond Angelo Beck, Jr.	George Brainard Higley	Harry Augustus Sherrill
Ruth Marion Beckley	Gustaves Emil Hine	June Jeannette Slomer
Thaddeus James Brown	Jean Sargent Insko	Bernard Morris Solomon
William Holten Burlingame	Pauline Jacobs	Jerome Arthur Spero
Paul Esterline Cattey	Julius Sebastian Janci	*Otto Jacob Stahl
Arthur Frederick Colling, Jr.	Edith Mathilde Jewell	Wilfred Alfred Steiner
Bernard Julius Conrad	John Kraus	Robert B. Steinharter
Raymond Alton Cragin	Fred Kudlata	Paul Jacob Sterr
Basil Gray Dandison	Virginia Helen Kunert	Howard Taylor Stuch
Lionel Lloyd Davis	Abraham Daniel Litsky	Mary Louise Taylor
Merritt de Jong	Robert Hepworth Lloyd	Otis Scott Thacher
*George Scammell Dixon	Carl Martin Loos	Hubert Thompson
Francisco Dumbrigue	John Hugh McCarthy	John Henry Graham Totzke
William Powell Foster	Rowena Grace McColley	**Cortlandt Churchill Van
George Alexander Gibson	Eugenia Miller	Vechten, Jr.
Alfred Mirron Glazer	Worthington Hicks Mobus	Emanuel Van Vliet
Harvey Mosher Gove	*Joseph John Piekarski	Jay A. Wabeke
Moses Scudder Griffing	Frank Polaski	Lenore Marie Waldron
Rachel Eleanor Grohman	Herbert Spencer Ratner	Helen Alma Watier
Watson Davidson Harbaugh	*Cecil Arthur Reed	William Jacob Weinman
Emanuel J. Harris	Lamson Rheinfrank	Charles Arnold Wiard
Salem Andrew Hart	Earle LaVerne Richmond	Johnson Russell Witmer
Robert C. C. Heaney		72—74

COLLEGES OF ENGINEERING AND ARCHITECTURE

BACHELOR OF SCIENCE IN ARCHITECTURE

ARCHITECTURAL ENGINEERING

Henry Jacob Abram	Wesley Oliver Stewart	
	as of the class of 1928	2

ARCHITECTURE

Alex Kyriacos Eugene	Louis Gordon Redstone	2
----------------------	-----------------------	---

MECHANICAL AND INDUSTRIAL ENGINEERING

William Kieth Friend, A.B., <i>Albion College</i>	Stanley Brown Preston	2
--	-----------------------	---

BACHELOR OF SCIENCE IN ENGINEERING

AERONAUTICAL ENGINEERING

Raymond Cottrell Blaylock	Fritchiof Hammerberg	Ward Dean Smith
Jack Trombley Gray	Nellis Milford Harrison	John Manning Welch
	Floyd Donald Kaufman	7

CHEMICAL ENGINEERING		
Frederick Shiu-Tuen Fung	Frederick Nims Rhines	James Whitney Sibley, Jr. 3
ELECTRICAL ENGINEERING		
Albert Tyler Beals, A.B. Arthur Joseph Beck, Jr. Frank Harrington Clingan	Vaniapurakal Kururvilla Ipe Kenneth Waldemar Maebius Brooks Marshall	Elmer William Reeve, <i>as of the Class of 1925</i> Floyd Daniel Sutherland, <i>as of the Class of 1909</i> 8
MECHANICAL ENGINEERING		
Edward Burt Ayers <i>as of the Class of 1923</i> Harold Walter Bowersox Orville Nelson Cobb Burr Deline Coe	James Cummins Draper Emil Alfred Frederick Alex George Hane Mritunjay Mukerjee William Colwell Scott	Ralph Franklin Shawaker Balwant Singh Sindhu Harry Wassink, A.B., <i>Calvin College</i> 12
CIVIL ENGINEERING		
Doran Andrew Barnum John Dawson Byrne John Frederick Daiber William Franklin Davis, A.B., <i>College of the City of Detroit</i>	George Campbell Ernst J. Samuel Hamel George Mazabel Morris Cross Moody Morgan Rogers Norton	Francisco Hugo Pacheco John Marious Palmaroli Robert Lynn Purdon Herbert Allen Seaman Floyd Leonard Stayner 14—52

MEDICAL SCHOOL

DOCTOR OF MEDICINE

James Olin Beavis, D.D.S., M.S. Elmer Arthur Goerke	Harry Loikrec, B.S. Milton Michael Rozan	John Dewey Sugrue 5
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LAW SCHOOL

BACHELOR OF LAWS

James Ritchison Breakey, Jr., A.B., <i>Michigan State Normal College</i> ; A.M.	Gordon Mathis Chambers Griffith Alexander Herold James Emanuel Lickly, A.B., <i>Hillsdale College</i>	Henry William Petzinger <i>as of the class of 1926</i> John Wesley Ross, B.S. <i>as of the class of 1926</i> 6
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SCHOOL OF EDUCATION

BACHELOR OF SCIENCE (*in Education*)

Mildred Dorothy Arnet 1

BACHELOR OF ARTS (*in Education*)

Karl Albert Anderson *Lucy Hanna Bartlett Deloris Margaret Brooks Paul Arthur Cook Margaret Colby Currah	*Myrth Elizabeth Gooding Ingred Lois Granberg Douglass Kerr J. Louise Putnam **Florence Malcher Robinson	Marjorie Robinson Aubrey Stark Eleanor Catherine Wegg Rosamond Windoes 14—15
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SCHOOL OF FORESTRY AND CONSERVATION



BACHELOR OF SCIENCE (*in Forestry*)

Willis Carl Branch

*Frank de Caradeuc Heyward

2



MASTER OF SCIENCE (*in Forestry*)

William Percy Failing

1—3



GRADUATE SCHOOL



MASTER OF SCIENCE (*in Engineering*)

Walter Edwin Bobertz, B.S.E.

1



MASTER OF ARTS (*in Municipal Administration*)

Kyung-We Tsha, A.B., *St. John's University*

1



MASTER OF SCIENCE

Malwina Theresia Lemmle, B.S.,
New York State College for Teachers

George Edward Moreland, B.S.,
Greenville College

Richard Ellsworth Olsen, B.S.

George M. Plagens, B.S. in Ed.,
Kansas State Teachers College

Gladdis Evelyn Richards, A.B.

Paul Lemuel Risley, A.B., *Albion College*

George Allison Van Lear, Jr.,
B.S., *Virginia Polytechnic Institute*

Julia Faucher Wilson, A.B.

8



MASTER OF ARTS

Florence Lavinia Abbott, Ph.B.

Margaret Graff Black, A.B.

Paul Harold Boyts, A.B. in Ed.

Mary Turner Payne Burton, A.B.

Russell Arden Fisher, A.B.

Nancy Jemima Ford, A.B., *Muskingum College*

Ruth Gassman, A.B.

Arch Ray Gerhart, A.B., *Indiana University*; LL.B., *Jefferson School of Law*

Walter W. Hansen, A.B., *Nebraska State Normal School and Teachers College*

Frances Littleton Kline, B.S.,
Cornell University

Martha Lena Lenhardt, B.L.,
North Central College

Monroe Cyrus Lippman, A.B.

Minerva Edythe Miller, A.B.

George William Preuser, A.B.

Lawrence Preuss, A.B.

Mayme Augusta Sims, A.B.,

Michigan State Normal College

Dwight Lyman Solomon, A.B.,

Ohio Northern University

Richard Lightburn Sutton, Jr.,
B.S.

Hale Tennant, A.B.

Zung Jih Van, A.B., *Ginling College*

William VanderLugt, A.B., *Calvin College*

Mary Ruth Vial, A.B.

22—30

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